

(1) A combination of lifeboats and liferafts that have an aggregate capacity sufficient to accommodate the total number of persons on board, provided that—

(i) On each side of the vessel, lifeboats with an aggregate capacity sufficient to accommodate at least 37.5 percent of the total number of persons on board are carried; and

(ii) Any liferafts that are provided in combination with the lifeboats are served by launching appliances or marine evacuation systems equally distributed on each side of the vessel.

(2) In addition to the survival craft required in paragraph (b)(1) of this section, additional liferafts must be provided that have a aggregate capacity sufficient to accommodate at least 25 percent of the total number of persons on board. The additional liferafts—

(i) Must be served by at least one launching appliance or marine evacuation system on each side of the vessel. These launching appliances or marine evacuation systems must be those described under paragraph (b)(1)(ii) of this section or be equivalent approved appliances capable of being used on both sides of the vessel; and

(ii) Are not required to be stowed in accordance with § 199.130(c)(4).

(c) Each passenger vessel engaged on a short international voyage that also complies with the standards of subdivision requirements for vessels on short international voyages as described in subchapter S of this chapter may, as an alternative to the lifeboat requirements in paragraph (b)(1)(i) of this section, carry lifeboats with an aggregate capacity sufficient to accommodate at least 30 percent of the total number of persons on board. These lifeboats must be equally distributed, as far as practicable, on each side of the vessel.

(d) Each passenger vessel that is less than 500 tons gross tonnage and is certificated to permit less than 200 persons on board is not required to meet the requirements of paragraphs (b) or (c) of this section if it meets the following:

(1) On each side of the vessel—

(i) Liferafts are carried with an aggregate capacity sufficient to accommodate the total number of persons on board and are stowed in a position pro-

viding for easy side-to-side transfer at a single open deck level; or

(ii) Liferafts are carried with an aggregate capacity sufficient to accommodate 150 percent of the total number of persons on board. If the rescue boat required under § 199.202 is also a lifeboat, its capacity may be included to meet the aggregate capacity requirement.

(2) If the largest survival craft on either side of the vessel is lost or rendered unserviceable, there must be survival craft available for use on each side of the vessel, including those which are stowed in a position providing for side-to-side transfer at a single open deck level, with a capacity sufficient to accommodate the total number of persons on board.

§ 199.202 Rescue boats.

(a) Each passenger vessel of 500 tons gross tonnage and over must carry on each side of the vessel at least one rescue boat approved under approval series 160.156 that is equipped as specified in table 199.175 of this part.

(b) Each passenger vessel of less than 500 tons gross tonnage must carry at least one rescue boat approved under approval series 160.156 that is equipped as specified in table 199.175 of this part.

(c) A lifeboat is accepted as a rescue boat if, in addition to being approved under approval series 160.135, it is also approved under approval series 160.156.

§ 199.203 Marshalling of liferafts.

(a) Each passenger vessel must have a lifeboat or rescue boat for each six liferafts when—

(1) Each lifeboat and rescue boat is loaded with its full complement of persons; and

(2) The minimum number of liferafts necessary to accommodate the remainder of the persons on board have been launched.

(b) A passenger vessel engaged on a short international voyage that also complies with the standards of subdivision requirements for vessels on short international voyages as described in subchapter S of this chapter may have a lifeboat or rescue boat for each nine liferafts when—

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(1) Each lifeboat and rescue boat is loaded with its full complement of persons; and

(2) The minimum number of liferafts necessary to accommodate the remainder of the persons on board have been launched.

§ 199.211 Lifebuoys.

(a) Each passenger vessel must carry the number of lifebuoys prescribed in table 199.211 of this section.

TABLE 199.211.—REQUIREMENTS FOR LIFEBOUYS FOR PASSENGER VESSELS

Length of vessel in meters (feet)	Minimum number of lifebuoys
Under 60 (196)	8
60(196) and under 120(393)	12
120(393) and under 180 (590)	18
180 (590) and under 240 (787)	24
240 (787) and over	30

(b) Notwithstanding § 199.70(a)(3)(ii), each passenger vessel under 60 meters (196 feet) in length must carry at least six lifebuoys with self-igniting lights.

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§ 199.212 Lifejackets.

(a) In addition to the lifejackets required under § 199.70(b), each passenger vessel must carry lifejackets for at least 5 percent of the total number of persons on board. These lifejackets must be stowed in conspicuous places on deck or at muster stations.

(b) Where lifejackets for persons other than the crew are stowed in staterooms located remotely from direct routes between public spaces and muster stations, any additional lifejackets required by § 199.70(b)(2)(v) for these persons must be stowed in the public spaces, near muster stations, or on direct routes between them. These lifejackets must be stowed so that their distribution and donning does not impede orderly movement to muster stations and survival craft embarkation stations.

§ 199.214 Immersion suits and thermal protective aids.

(a) Each passenger vessel must carry at least three immersion suits approved under approval series 160.171 for each lifeboat on the vessel.

(b) In addition to the requirements in paragraph (a) of this section, each passenger vessel must carry a thermal protective aid approved under approval

series 160.174 for each person not provided with an immersion suit.

(c) The immersion suits and thermal protective aids required under paragraphs (a) and (b) of this section are not required if the passenger vessel operates only on routes between 32 degrees north and 32 degrees south latitude.

§ 199.217 Muster list and emergency instructions.

(a) The format of each passenger vessel muster list required under § 199.80 must be approved by the OCMI.

(b) The passenger vessel muster list or emergency instructions must include procedures for locating and rescuing persons other than the crew who may be trapped in their staterooms.

(c) As an alternative to the requirements in § 199.80(c), the passenger vessel emergency instructions may meet the requirements of MSC Circular 699 (Guidelines for Passenger Safety Instructions).

§ 199.220 Survival craft and rescue boat embarkation arrangements.

(a) Survival craft embarkation arrangements must be designed for—

(1) Each lifeboat to be boarded and launched either directly from the stowed position or from an embarkation deck, but not both; and

(2) Davit-launched liferafts to be boarded and launched from a position immediately adjacent to the stowed positions or from a position where, as described under § 199.130(b)(4), the liferaft is transferred before launching.